



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Division of Drinking Water

November 14, 2016

Certified Mail

7012 3460 0003 1112 8410

Patrick Minturn, Director of Public Works
Shasta CSA – Castella, #3
1855 Placer Street
Redding, CA 96001

TRANSMITTAL OF CITATION NO. 01-02-16C-030

Dear Mr. Minturn,

The State Water Resources Control Board, Division of Drinking Water, has issued the Shasta CSA – Castella, #3 a citation, which is attached.

If you have any questions regarding this matter, please call staff engineer Steve Watson at (530) 224-4828 or me at (530) 224-4800.

Sincerely,

A handwritten signature in black ink, reading "Michael J. McNamara".

Michael J. McNamara, P.E.
Lassen District Engineer
Drinking Water Field Operations Branch

cc: Richard L. Hinrichs, Chief, Northern California Section

Enclosure

sww \ 4500015 Shasta CSA – Castella, #3 \ File: Enforcement

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

364 Knollcrest Drive, Suite 101, Redding, CA 96002 | www.waterboards.ca.gov

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STATE OF CALIFORNIA
WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER

TO: Shasta CSA – Castella, #3
1855 Placer Street
Redding, CA 96001

Attn: Patrick Minturn, Shasta County Director of Public Works

CITATION FOR VIOLATION OF
CALIFORNIA CODE OF REGULATIONS,
TITLE 22, SECTION 64534

WATER SYSTEM NO. 4500015
CITATION NO. 01-02-16C-030
Issued on November 14, 2016

Section 116650 of the California Health and Safety Code authorizes the issuance of a citation to a public water system for violation of the California Safe Drinking Water Act (Health and Safety Code, Division 104, Part 12, Chapter 4, commencing with Section 116270) (hereinafter "California SDWA"), or any regulation, standard, permit or order issued or adopted thereunder.

The State Water Resources Control Board (hereinafter "Board"), acting by and through its Division of Drinking Water (hereinafter "Division") and the Deputy Director for the Division (hereinafter "Deputy Director"), hereby issues a citation to the Shasta County Service Area

No. 3 – Castella (hereinafter, CSA) (1855 Placer Street, Redding, CA 96001) for violation of California Code of Regulations (CCR), Title 22, Section 64534 subsection (f) and (g).

APPLICABLE AUTHORITIES

Section 116650 of California Health and Safety Code provides:

(a) If the department determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the department may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.

(b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.

(c) A citation may specify a date for elimination or correction of the condition constituting the violation.

(d) A citation may include the assessment of a penalty as specified in subdivision (e).

(e) The department may assess a penalty in an amount not to exceed one thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.



1 **California Code of Regulations, Title 22, Section 64534, subsections (f) and (g) provides**
2 **in relevant part:**

3 (f) Systems that fail to monitor shall be in violation of the monitoring requirements for
4 the entire monitoring period that a monitoring result would be used in calculating
5 compliance with MCLs or MRDLs, and shall notify the public pursuant to sections
6 64463, 64463.7, and 64465, in addition to reporting to the State Board pursuant to
7 sections 64537 through 64537.6.

8
9 (g) Systems that fail to monitor in accordance with the monitoring plan required by
10 section 64534.8 shall be in violation of the monitoring requirements, and shall notify
11 the public pursuant to sections 64463, 64463.7, and 64465, in addition to reporting to
12 the Department pursuant to sections 64537 through 64537.6.

13
14 **California Code of Regulations, Title 22, Section 64534.8, subsections (a) provides in**
15 **relevant part:**

16
17 (a) A system shall develop and submit to the State Board a monitoring plan. The
18 system shall implement the plan after State Board review and approval. The system
19 shall maintain the plan and make it available for inspection by the general public no
20 later than 30 days following the applicable compliance date in sections 64530(a) or
21 (b), and (d).

22
23 **STATEMENT OF FACTS**

24
25 The Shasta County Department of Public Works operates the CSA to serve the community of
26 Castella located along the Sacramento River Canyon along Interstate 5, south of Dunsmuir.
27 The service area includes private residences, a school, market, fire station, and post office.



1 After surface water is diverted from Castle Creek, polymer coagulant and chlorine disinfectant
2 are added prior to filtration. Treated water is distributed to customers and to the 200,000 gallon
3 storage tank. The system serves a population of about 250 and there are 94 service
4 connections.

5
6 As required by Section 64534.8, the CSA has an approved Disinfection Byproduct (DBP)
7 Compliance Monitoring Plan (Plan) dated March 9, 2016. In accordance with Section
8 64534.2(d)(1), the Plan identifies one dual sample location identified as "Riverside Drive - south
9 end of line," which is to be sampled each calendar quarter and analyzed for total
10 trihalomethanes (TTHM) and haloacetic acids (HAA5).

11
12 During the third calendar quarter of 2016 the CSA sampled from two locations not on their
13 approved Plan, identified as: "Castella Loop – south end of line" and "Main Street – south end of
14 line."

15 DETERMINATIONS

16
17 The Division has determined that the CSA violated Section 64534 (f) and (g), Title 22 of the
18 CCR, during the third calendar quarter of 2016, in that the CSA failed to monitor for DBPs at the
19 proper location in accordance with their approved Plan dated March 9, 2016.

20 DIRECTIVES

21
22 The CSA is hereby directed to take the following actions:

- 23
24 1. The CSA shall submit to the Division, by **December 1, 2016**, a Corrective Action Plan to
25 achieve compliance with the relevant sections of the California Code of Regulations,
26 described in the findings above.

2. Within 30 days of the issuance of this Citation but in no case later than **December 15, 2016**, notify all persons served by the CSA of the monitoring violation as required by Section 64463, 64463.7 and Section 64465, Title 22, of the CCR. Notification shall be completed in accordance with each of the following:

a. Mail or direct delivery of the notice contained in Attachment 'A' to each customer, and

b. Publication of the notice contained in Attachment 'A' in a local newspaper.

Changes and/or modifications to Attachment 'A' shall not be made unless approved by the Division.

3. Complete and return Attachment 'B' entitled "Compliance Certification" by **January 1, 2017**. A copy of the notices used to provide public notification shall be attached to the form.

4. The CSA shall initiate quarterly monitoring of disinfection byproducts by no later than **December 1, 2016**, in accordance with the approved Disinfection Byproduct Compliance Monitoring Plan dated March 9, 2016.

Unless otherwise noted, all documents required under this Citation shall be submitted to the Board at the following address:

Michael J. McNamara, P. E.
Lassen District Engineer
Division of Drinking Water
State Water Resources Control Board
364 Knollcrest Drive, Suite 101
Redding, CA 96002



1 As used in this Citation, the date of issuance shall be the date of this Citation; and the date of
2 service shall be the date of service of this Citation, personal or by certified mail, on the Water
3 System.

4
5 Nothing in this Citation relieves the CSA of its obligation to meet the requirements of the
6 California SDWA or any regulation, permit, standard or order issued or adopted thereunder.
7 The Division reserves the right to make such modifications to this Citation, as it may deem
8 necessary to protect public health and safety. Such modifications may be issued as
9 amendments to this Citation and shall be effective upon issuance.

10 11 **FURTHER ENFORCEMENT ACTION**

12
13 The California SDWA authorizes the Board to: issue a citation with assessment of administrative
14 penalties to a public water system for violation or continued violation of the requirements of the
15 California SDWA or any regulation, permit, standard, citation, or order issued or adopted
16 thereunder including, but not limited to, failure to correct a violation identified in a citation or
17 compliance order. The California SDWA also authorizes the Board to take action to suspend or
18 revoke a permit that has been issued to a public water system if the system has violated
19 applicable law or regulations or has failed to comply with an order of the Board; and to petition
20 the superior court to take various enforcement measures against a public water system that has
21 failed to comply with or violates an order of the Board. The Board does not waive any further
22 enforcement action by issuance of this citation.

23 24 **PARTIES BOUND**

25
26 This Citation shall apply to and be binding upon the CSA, its officers, directors, shareholders,
27 agents, employees, contractors, successors, and assignees.



SEVERABILITY

The Directives of this Citation are severable, and the CSA shall comply with each and every provision thereof, notwithstanding the effectiveness of any other provision.

11-14-2016

Michael J. McNamara

Date

Michael J. McNamara, P.E.

Lassen District Engineer

Division of Drinking Water

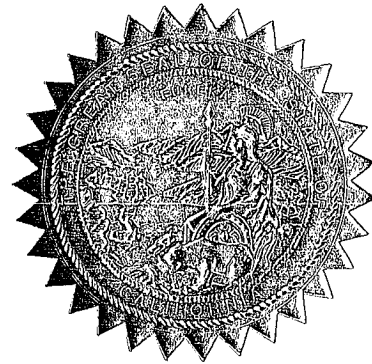
State Water Resources Control Board

Attachments:

'A' Public Notification Template

'B' Compliance Certification

CERTIFIED MAIL 7012 3460 0003 1112 8410



IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

Disinfection Byproduct Monitoring Requirements not met for Shasta County Service Area #3 – Castella

Our water system failed to monitor drinking water in accordance with Drinking Water regulations. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

We routinely monitor for drinking water contaminants. The CSA is required to monitor for total trihalomethanes (TTHMs) and haloacetic acids (HAA5s) quarterly at a location in the distribution system. TTHMs and HAA5s are chlorine disinfection byproducts. In compliance with the monitoring regulations regarding disinfection byproducts, we have a monitoring plan which identifies the location to be sampled each calendar quarter for these disinfection byproducts. While we have conducted routine monitoring for these contaminants in the distribution system each calendar quarter, during the third calendar quarter of 2016, we did not sample from the proper location identified in our plan. Therefore, we have violated the disinfection byproduct monitoring requirements during the third calendar quarter of 2016.

Additional Information

The table below lists the contaminant(s) we did not properly test for during the third quarter of 2016.

| Contaminant | Required sampling frequency |
|----------------|-----------------------------|
| TTHMs HAA5s | Quarterly |

To protect drinking water from disease-causing organisms, or pathogens, water suppliers often add disinfectants, such as chlorine to drinking water. Disinfection byproducts are formed during the treatment of drinking water when disinfectants react with naturally-occurring organic and inorganic matter present in the water. Certain disinfection byproducts, including some TTHMs, and some HAA5s, have been shown to cause cancer in laboratory animals. Other disinfection byproducts have been shown to affect the liver and the nervous system, and cause reproductive or developmental effects in laboratory animals. Exposure to certain disinfection byproducts may produce similar effects in people. Therefore, the Division of Drinking Water has set maximum contaminant levels (MCLs) to limit exposure to TTHM and HAA5 chemicals. Compliance with the MCLs is based on the Locational Running Annual Average (LRAA) of the last four quarterly results.

Testing to date shows that TTHM and HAA5 levels in your water are below the LRAA MCLs for these constituents. Therefore, your water is considered safe.

What should I do?

There is nothing you need to do at this time. We are implementing procedures to ensure that future sampling is conducted according to our approved monitoring plan.

For more information please contact:

Scott Sealand, Shasta County Public Works (530) 225-5571

This notice is being provided to you by Shasta County Service Area No. 3 – Castella in compliance with the California Code of Regulations as a means of keeping the public informed.

COMPLIANCE CERTIFICATION

Citation Number: **01-02-16C-030**

Name of Water System: **Shasta CSA – Castella, #3**

System Number: **4500015**

As required by Section 116450 of the California Health and Safety Code, I certify that the users of the water supplied by this water system were notified of the Disinfection By-Products monitoring violations during the third calendar quarter of 2016. In addition, I certify that the CSA has complied with the directives of this citation as indicated below:

| <u>Required Action</u> | <u>Date Completed</u> |
|--|-----------------------|
| Corrective Action Plan, as required by Directive 1 | _____ |
| Public Notification, as required by Directive 2 | _____ |
| Initiate quarterly monitoring as required by Directive 3 | _____ |
| _____ | _____ |
| Signature of Water System Representative | Date |

Attach a copy of the direct delivery notice.

| |
|--|
| THIS FORM MUST BE COMPLETED AND RETURNED TO THE DIVISION NO LATER THAN January 1, 2017. |
|--|

Disclosure: Be advised that Section 116725 and 116730 of the California Health and Safety Code states that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in county jail not to exceed one year, or by both the fine and imprisonment.